JCO4 Rec'd PCT/PTO 23 MAY 2005

EXPRESS MAIL NO. EV567835561US

PTO-1390 (Rev. 12-2004) Approved for use through 3/31/2007. OMB 0651-0021 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTTORNEY'S DOCKET NUMBER 99342,00063US 37 CFR 1.5)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/FR2003/003446 **21 NOVEMBER 2003 22 NOVEMBER 2002** TITLE OF INVENTION METHOD FOR ENHANCING THE PHYSICO-CHEMICAL PROPERTIES OF BITUMEN COMPOSITIONS AND NOVEL BITUMEN COMPOSITIONS WITH ENHANCED PROPERTIES AND THEIR USES **DOMINIQUE DUPUIS; GILLES ORANGE** Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 10. l Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. l A power of attorney and/or change of address letter. 17. l A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: Return Receipt Postcard; Certificate of Express Mailing 20.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

JC20 Rec'd PCT/PTO 2 3 JUN 2005

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICAT	ION NO	O. (if kr	iown see	7 CFR 1.5	* I		ATION NO.		ATTORNEY'S DOC	
l lu/	うし	4U	185		PCT/FR2003/003	446			99342.00063US	
21. The following	-									
a) Basic na	itional f	ee	•••••			•••••	\$300.00	\$	300.00	
b) Examination fee\$200.00									200.00	
☑ c) Search fee\$500.00								\$	500.00	
	TOTAL	OFA	BOVE CAL	CIII ATIC	ONE -		\$1000 00	\$	1000.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence										
listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.										
Total Sheets	Total Sheets Extra		a sheets Numb		r of each additional 50 or fraction RATE					1
, , , , , , , , , , , , , , , , , , , ,		LAUA SIIEEGS		thereof (round up to a whole number)						
0 - 100 =	0		/50 =				x \$250.00	\$	N/A	
Surcharge of \$13 claimed priority of	30.00 fo	or furnis	shing the oa 1.492(e)).	ath or decl	aration later than 30 months	from the	e earliest	\$		
CLAIMS		N	JMBER FIL	.ED	NUMBER EXTRA		RATE	\$	······································	
Total claims				- 20 =	0	×	\$50.00	\$	N/A	
Independent clai	ims		-3= 0		х	\$200.00	\$	N/A		
MULTIPLE DEPI	ENDEN	IT CLA	IM(S) (if ap	plicable)		+	\$360.00	\$	N/A	
					TOTAL OF ABOV	E CALC	CULATIONS =	\$	1000.00	
Applicant c	laims s	mall er	ntity status.	See 37 C	FR 1.27. The fees indicated	above a	re reduced	\$		
-							SUBTOTAL =	\$	1000.00	
Processing fee o	of \$130.	00 for 1	furnishing t	he English	translation later than 30 mo	nths from	n the earliest	\$		
claimed priority date (37 CFR 1.492(f)). +								Ľ	130.00	
TOTAL NATIONAL FEE =							ONAL FEE =	\$ 1130.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +										
TOTAL FEES ENCLOSED =								\$	1130.00	
						-	·-		mount to be funded:	\$
									mount to be narged:	\$ 1130.00
					,				- g+	
					to cover the al					
			eposit Acc his sheet is		<u>50-1402</u> in the amount o	r\$ <u>113</u>	0.00 to co	over	the above fees.	
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 50-1402 A duplicate copy of this sheet is enclosed.										
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
SEND ALL COR	RESPO	ONDEN	ICE TO:				10	Q		1
CUSTOMER NO. 21832							<u>() </u>		south	1
McCarter & English, LLP							SIGNATURE			
CityPlace I						E	ERIC E. GRONDAHL, ESQ.			
185 Asylum		401				NAME				
Hartford, CT 06103-3401 46,741						`		NUMBER		
							REGISTRATI	ON	NUMBEK	

FORM PTO-1390 (REV. 12-2004)

JC20 Rec'd PAPTO 2 3 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE AS DESIGNATED/ELECTED OFFICE

In the Application of	Dominique DUPUIS, et al.)		
Int'l App. No.:	PCT/FR2003/003446)		
Int'l Filing Date:	21 November 2003)		
Properties of	nhancing the Physico-Chemical Bitumen Compositions and Novel apositions with Enhanced Properties es))))	Docket No.	99342.00063US

CERTIFICATE OF EXPRESS MAILING

Express Mailing Label No.: EV567835561US

Date of Deposit: May 23, 2005

I hereby certify that the papers enclosed herewith: Transmittal Letter to DO/EO/US Concerning a Filing Under 35 U.S.C. 371 (Form PTO-1390, with second page in duplicate for fee processing), and a stamped, self-addressed return postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

Name: Melanie G. Vasquez

HARTFORD: 640604.01